fitted into the female terminal **514** to enable power to be applied to the electromagnetic electrical connection device. The magnet of one side body **560** and the magnet of the other side body **560** generate attractive force by properties of magnetic force therebetween, and thus the eighth electromagnetic electrical connection part **500** and the ninth electromagnetic electrical connection part **550** are closely pressed against each other.

Particularly, the catching piece **513** of the body **510** is performed such that the eighth electromagnetic electrical connection part **500** may be securely installed to the electronic product, and the catching protrusion **563** of the body **560** is caught by the catching groove **512** and is performed such that the two bodies **560** and **510** may be closely installed to each other.

Of course, the eighth electromagnetic electrical connection part **500** and the ninth electromagnetic electrical connection part **550** may be simply decoupled from each other when the above operation is reversely performed.

In addition, a description will be given of eighth embodiment of the electromagnetic electrical connection device according to the present invention.

That is, the electromagnetic electrical connection device includes a tenth electromagnetic electrical connection part **600** and an eleventh electromagnetic electrical connection part **650** which is detachable, at one end thereof, from the tenth electromagnetic electrical connection part and is detachable, at the other end thereof, from a charger **660** provided with a jack **661**. The tenth electromagnetic electrical connection part **600** includes a body **610** which is provided, at one side thereof, with a plurality of terminals **611** and a magnet **613** and is formed, at the other side thereof, with a jack **612** protruding therefrom such that the jack **612** is detachable from the electronic product.

In addition, the eleventh electromagnetic electrical connection part **650** includes a body **651** which is provided, at one side thereof, with plug terminal operation portions **170** and a magnet **653** and is formed, at the other side thereof, with a jack insertion hole **652** from which a jack is detachable.

Hereinafter, operation effects of the eighth embodiment of the electromagnetic electrical connection device according to the present invention having the above-mentioned configure will be described.

FIG. **18** is a view illustrating a configuration of the eighth embodiment of the electromagnetic electrical connection device applied to the present invention.

In more detail, the tenth electromagnetic electrical connection part **600** is assembled to an electronic product **670**, and the jack **612** is fitted into a hole of the electronic product.

The eleventh electromagnetic electrical connection part **650** is coupled to the tenth electromagnetic electrical connection part **600**, and the plug terminal operation portion **170** is connected to the terminal **611**. In this case, the tenth electromagnetic electrical connection part and the eleventh electromagnetic electrical connection part may be closely pressed against each other by properties of the magnets **653** and **613**. The eleventh electromagnetic electrical connection part **650** is connected, at one end thereof, with the charger **660** such that the jack **661** is fitted into the jack insertion hole **652**. As a result, power of the charger may be applied to the electronic product.

Of course, the components may be simply decoupled from each other when the above operation is reversely performed.

Meanwhile, the present invention can be modified in various ways and take many different forms, in applying the above configuration.

Although the present invention has been described with respect to the illustrative embodiments, it will be apparent to those skilled in the art that various variations and modifications may be made without departing from the spirit and scope of the invention as defined in the following claims. Various embodiments have been described in the best mode for carrying out the invention.

INDUSTRIAL APPLICABILITY

In fact, the technical idea of an improved structure of an electromagnetic electrical connection device according to the present invention can repeatedly execute the same results, and can in particular contribute to the development of the industry to promote the development of the technology by carrying out the present invention.

What is claimed is:

1. An improved structure of an electromagnetic electrical connection device including first and second electromagnetic electrical connection parts which realize noise isolation, stability, and waterproofing functions during electrical connection of the electrical connection device of an electronic product by magnetic force, the first and second electromagnetic electrical connection parts respectively including an outlet body which is fixedly installed to the product and a plug body which is selectively detachable from the outlet body, the second electromagnetic electrical connection part selectively coming into contact with or being decoupled from a third electromagnetic electrical connection part,

wherein the outlet body comprises:

an inner operation space portion, and a plurality of connection terminals which are arranged at regular intervals on one side locking protrusion;

a housing which is installed inside the operation space portion to selectively slide;

a magnet which is fixedly installed to the housing; and

a plurality of outlet terminal operation portions which are installed at regular intervals to the housing such that the outlet terminal operation portions come into contact with or are decoupled from the connection terminals.

2. The improved structure of an electromagnetic electrical connection device according to claim **1**, wherein the housing further comprises a magnetic attenuation iron to prevent magnetic properties of the magnet from being transferred to the product.

3. The improved structure of an electromagnetic electrical connection device according to claim **1**, wherein each of the outlet terminal operation portions comprises:

a spring connector, opposite ends of which are respectively formed with spring operation grooves;

a main outlet terminal and an auxiliary outlet terminal which are respectively fitted into the spring operation grooves;

a spring which is installed inside the main outlet terminal; and

a spring which is installed on an intermediate outer peripheral surface of the auxiliary outlet terminal.

4. The improved structure of an electromagnetic electrical connection device according to claim **1**, wherein the third electromagnetic electrical connection part comprises:

an outlet body which is formed, at one side thereof, with a locking protrusion protruding therefrom such that the locking protrusion is fitted into a locking groove while being formed therein with terminal holes at regular intervals such that a plurality of outlet terminals are fitted into the terminal holes; and